

Work Order ID 51205

August 7, 2009 3:03:05 PM



Page 1

Item ID: D119-756-041
Revision ID: C
Item Name: Heli Utility Basket

Accept



Setup Start



Stop



Start Date: 8/10/09 Start Qty: 1.00
Required Date: 8/14/09 Req'd Qty: 1.00



Cust Item ID:
Customer:

Reference:

Approvals:

Process Plan:

Date:

Tooling:

Date:

Run Start



QC:

Date:

SPC (Y/N):

Date:

Stop



Sequence ID/
Work Center ID

Operation
Description

Set Up/
Run Hours

Draw
Number

Draw
Rev.

Plan
Code

Accept
Qty

Reject
Qty

Reject
Number

Insp.
Stamp

Draw Nbr

Revision Nbr

IIN D119-756

Rev U/R

130

Pick Kit

0.00



Packaging

Memo

0.00

Packaging

REMOVE FROM STOCK:

5 X D119-756-041 BASKETS (CHG002 ONLY) B45425, B45426, B45427, B45429, B45430

ADD TO EACH KIT:

1 X DSI 9465-011 B 51203

AND PAPERWORK DSI 9465-011

CHANGE WHITE AND RED LABELS TO CHG003 USING ORIGINAL

BATCH NUMBERS

PER ECN09-629

CD 09/08/12

MO 09/08/13

140

QC4- 100% Inspect kits for completeness

0.00



QC

Memo

0.00

Quality Control

=> S 09/08/12



Work Order ID 51205

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Page 2

Item ID: D119-756-041

Accept



Setup Start



Revision ID: C

Stop



Item Name: Heli Utility Basket

Start Date: 8/10/09 Start Qty: 1.00



Cust Item ID:

Required Date: 8/14/09 Req'd Qty: 1.00



Customer:

Reference:

Run Start



Approvals: Process Plan:

Date:

Tooling:

Date:

Stop



QC:

Date:

SPC (Y/N):

Date:

Sequence ID/
Work Center ID

Operation
Description

Set Up/
Run Hours

Draw
Number

Draw
Rev.

Plan
Code

Accept
Qty

Reject
Qty

Reject
Number

Insp.
Stamp

150

0.00



Packaging

Packaging

Memo

0.00

Packaging

REPACKAGE PER PPP
USING ORIGINAL B/N'S

9/8/19 (70) 54

160

0.00



QC

QC21- Final Inspection - Work Order Release

Memo

0.00

Quality Control

ADD A COPY OF THIS W/O TO EACH OF THE ABOVE W/O'S

09/08/31

W 09.08/24

DART		TC APPROVAL # 09-89	
Dart Aerospace Ltd.		TEL: 1-613-632-5200	
1270 ABERDEEN ST		HAWKESBURY ON CANADA K6A 1K7	
P/N	D119-756-041	CHG	CHG002
DESC	Heli-Utility-Basket	STC	SH06-39
LOT	B45430	STC	SR02364NY
MODEL	Agusta A119	STC	

DART		TC APPROVAL # 09-89	
Dart Aerospace Ltd.		TEL: 1-613-632-5200	
1270 ABERDEEN ST		HAWKESBURY ON CANADA K6A 1K7	
P/N	D119-756-041	CHG	CHG002
DESC	Heli-Utility-Basket	STC	SH06-39
LOT	B45426	STC	SR02364NY
MODEL	Agusta A119	STC	

DART		TC APPROVAL # 09-89	
Dart Aerospace Ltd.		TEL: 1-613-632-5200	
1270 ABERDEEN ST		HAWKESBURY ON CANADA K6A 1K7	
P/N	D119-756-041	CHG	CHG002
DESC	Heli-Utility-Basket	STC	SH06-39
LOT	B45427	STC	SR02364NY
MODEL	Agusta A119	STC	

DART		TC APPROVAL # 09-89	
Dart Aerospace Ltd.		TEL: 1-613-632-5200	
1270 ABERDEEN ST		HAWKESBURY ON CANADA K6A 1K7	
P/N	D119-756-041	CHG	CHG002
DESC	Heli-Utility-Basket	STC	SH06-39
LOT	B45429	STC	SR02364NY
MODEL	Agusta A119	STC	

MADE IN CANADA

D2729-1

MADE IN CANADA

D2729-1

Picklist Print

August 7, 2009 3:03:05 PM

Page 1

Work Order ID: 51205

Parent Item: D119-756-041RevC

Parent Item Name: Heli Utility Basket


Comments:

Start Date: 8/10/09

Required Date: 8/14/09

Start Qty: 1.00

Required Qty: 1.00

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Remaining Qty To Pick	Qty Issued	Date Issued	Status
DSI 9465-011RevA		Manufactured	No				Each	0.0000	1.0000			
												
Basket Re-positioning												

9/8/09

SP

DART Dart Aerospace Ltd. 1270 ABERDEEN ST HAWKESBURY ON CANADA K6A 1K7				TC APPROVAL # 09-89 TEL: 1-613-632-5200	
P/N	D119-756-041	CHG	CHG002		
DESC	Heli-Utility-Basket	STC	SH06-39		
LOT	B45425	STC	SR02364NY		
MODEL	Agusta A119	STC			
MADE IN CANADA				D2729-1	

Location/Lot Activity

August 6, 2009 10:29:54 AM

Page 1 of 1

Criteria : Item ID: D119-756-011RevC All Locations All Lots All Transaction Types All Dates Report on Locations & Lots

Transaction Type	Item ID/ Item Name	Warehouse Location ID	Reason	Employee ID Location Code	Loc Trans Date	LocQtyPrior/ Location Qty	Lot Number	LotQtyPrior/ Lot Qty	Shelf Life Date Lot Code	Extended Cost
Issue	D119-756-011RevC / Clamp	Main Warehouse FG	50888	DCUSER		1.0000		1.0000		
					8/04/09	-1.0000	45679	-1.0000		-\$193.93
								-1.0000		-\$193.93

51205 W

ECN09-629

List Lots

Page 1 of 1

August 6, 2009 10:32:45 AM

Criteria : Item ID: D119-756-041RevC

All Locations

All Warehouses

All Quantity

Item ID	Warehouse ID	Lot Number	Last Trans Date	Lot Qty	Shelf Life Dt	Type Code	Comments
Item Name	Location ID					Lot Code	
D119-756-041RevC Heli Utility Basket	Main Warehouse	31748		1.0000		QC21	CHG001
	FG						
	Main Warehouse	45425		1.0000		QC21	CHG002
	FG						
	Main Warehouse	45426		1.0000		QC21	CHG002
	FG						
	Main Warehouse	45427		1.0000		QC21	CHG002
	FG						
	Main Warehouse	45429		1.0000		QC21	CHG002
	FG						
	Main Warehouse	45430		1.0000		QC21	CHG002
	FG						
Total:				6.0000			

CHG003

7.0 ~~PARTS~~ LIST

Qty -041	Qty -011	Qty -013	Part Number	Description
X			D119-756-041	HELI-UTILITY-BASKET™
1	X		D119-756-011	CLAMP KIT
		X	D119-756-013	QUICK RELEASE KIT
2			D2022-101 ✓	* SPACER
1			D2258-220 ✓	PLACARD (A119)
1			D2258-146 ✓	PLACARD (AW119MKII)
1			D2332-041 ✓	* PROP ASSEMBLY
1			D2530 ✓	* HANDLE ASSEMBLY
2			D2535 ✓	* SPRING
2			D2537 ✓	* BUSHING
2	2		D2617-3 ✓	BUSHING
4	4		D2617-5 ✓	BUSHING
	4		D2732-032 ✓	RUBBER CUSHION
2			D2931 ✓	* BUMPER
	1		D3041-1	CLAMP (A119)
	1		D3041-3	CLAMP (A119)
	1		D3041-5	CLAMP (A119)
	1		D3041-7	CLAMP (A119)
	1		D3789-1	CLAMP (AW119MKII)
	1		D3789-3	CLAMP (AW119MKII)
	1		D3789-5	CLAMP (AW119MKII)
	1		D3789-7	CLAMP (AW119MKII)
1			D3515-041	* BASKET LID ASSEMBLY
1			D3516-041	* BASKET BASE ASSEMBLY
2			D3516-11	CLEVIS
2			D3517-1	STRUT
2			D3518-041	STRUT ASSEMBLY
2			D3519-1	* PLACARD
2			D3520-1	SPACER
2			D3757-1	* BLANKING PLATE

* indicates that part is pre-assembled on basket for customer

ST 205

CHG 002 Basket

Qty -041	Qty -011	Qty -013	Part Number	Description
6			AN3-10A	* BOLT
2			AN3-16A	* BOLT
2			AN4-7A	* BOLT
2			AN4-13A	BOLT
6			AN4-15A	BOLT
	2		AN4-17A	BOLT
2	2		AN4-20A	BOLT
1	2		AN4-22A	* BOLT
1	2		AN4-24A	* BOLT
2			AN5-10A	BOLT
4			AN5-17A	* BOLT
2			AN960JD416	* WASHER
40	4		AN960JD416	WASHER
2			AN960JD416L	* WASHER
4			AN960JD416L	WASHER
4			AN960JD516	* WASHER
2			AN960JD516L	WASHER
2			AN960JD8	* WASHER
12			AN960JD10	* WASHER
4			AN970-4	* WASHER
		4	BLRS-020	POSITIVE LOCKING QUICK RELEASE PIN
2			MS20600AD4W3	* RIVET
8			MS21042L3	* NUT (OR MS21042-3)
4			MS21042L4	* NUT (OR MS21042-4)
10	4		MS21042L4	NUT (OR MS21042-4)
4			MS21042L5	* NUT (OR MS21042-5)

* indicates that part is pre-assembled on basket for customer

57205

7.0 PARTS LIST

Qty -041	Qty -011	Qty -013	Part Number	Description
X			D119-756-041	HELI-UTILITY-BASKET™
1	X		D119-756-011	CLAMP KIT
		X	D119-756-013	QUICK RELEASE KIT
2			D2022-101 ✓	* SPACER
1			D2258-176 X	PLACARD (A119)
1			D2258-146 ✓	PLACARD (AW119MKII)
1			D2332-041 ✓	* PROP ASSEMBLY
1			D2530 ✓	* HANDLE ASSEMBLY
2			D2535 ✓	* SPRING
2			D2537 ✓	* BUSHING
2	2		D2617-3 ✓	BUSHING
4	4		D2617-5 ✓	BUSHING
	4		D2732-032 ✓	RUBBER CUSHION
2			D2931 ✓	* BUMPER
	1		D3789-1	CLAMP
	1		D3789-3	CLAMP
	1		D3789-5	CLAMP
	1		D3789-7	CLAMP
1			D3515-041	* BASKET LID ASSEMBLY
1			D3516-041	* BASKET BASE ASSEMBLY
2			D3516-11	CLEVIS
2			D3517-1	STRUT
2			D3518-041	STRUT ASSEMBLY
2			D3519-1	* PLACARD
2			D3520-1	SPACER
2			D3757-1	* BLANKING PLATE

* indicates that part is pre-assembled on basket for customer

5/20/05

Qty -041	Qty -011	Qty -013	Part Number	Description
6			AN3-10A	* BOLT
2			AN3-16A	* BOLT
2			AN4-7A	* BOLT
2			AN4-13A	BOLT
6			AN4-15A	BOLT
2			AN4-20A	BOLT
1	2		AN4-22A	* BOLT
1	2		AN4-24A	* BOLT
2			AN5-10A	BOLT
4			AN5-17A	* BOLT
2			AN960JD416	* WASHER
40	4		AN960JD416	WASHER
2			AN960JD416L	* WASHER
4			AN960JD416L	WASHER
4			AN960JD516	* WASHER
2			AN960JD516L	WASHER
2			AN960JD8	* WASHER
12			AN960JD10	* WASHER
4			AN970-4	* WASHER
		4	BLRS-020	POSITIVE LOCKING QUICK RELEASE PIN
2			MS20600AD4W3	* RIVET
8			MS21042L3	* NUT (OR MS21042-3)
4			MS21042L4	* NUT (OR MS21042-4)
10	4		MS21042L4	NUT (OR MS21042-4)
4			MS21042L5	* NUT (OR MS21042-5)

* indicates that part is pre-assembled on basket for customer

57205

DART SERVICE INSTRUCTION

TO AMEND INSTALLATION INSTRUCTIONS IIN-D119-756 REV. D OR EARLIER

REF CANADIAN STC: SH06-39

FAA STC: SR02364NY

EASA STC: EASA.IM.R.S.01289

DART AEROSPACE LTD (DART) HAS DISCOVERED THAT WHEN THE D119-756-041 BASKET KIT IS INSTALLED ON A119 AIRCRAFT PER IIN-D119-756 REV. D OR EARLIER, THE LOAD IN THE BASKET IS ABOVE 50 kgs (110 lbs) AND THE PILOT PULLS HIGH POWER, THE BASKET INSTALLATION CAN CAUSE SIGNIFICANT VIBRATION OF THE LANDING GEAR.

AS A RESULT OF THIS DISCOVERY, DART REQUIRES ALL OPERATORS WITH BASKETS INSTALLED PER IIN-D119-756 REV. D OR EARLIER TO RE-POSITION THEIR BASKET(S) PER IIN-D119-756 REV. E, BEFORE THEIR NEXT FLIGHT WITH THE BASKET. OPERATORS WILL REQUIRE THE DSI 9465-011 KIT (SEE SHEET 2 FOR KIT PARTS LIST) IN ORDER TO REPOSITION THE BASKET.

OPERATORS MUST ALSO ADOPT FMS-D119-756 Rev. B AND ICA-D119-756 REV. 2, WHICH ARE INCLUDED WITH THE DSI 9465-011 KIT. PER FMS-D119-756 Rev. B, THE LOAD LIMITS ON THE BASKET WHEN INSTALLED ON A119 AIRCRAFT HAS BEEN REDUCED FROM 220 lbs (100 kgs) TO 176 lbs (80 kgs). THEREFORE, THE D2258-220 PLACARD ON THE LID OF THE BASKET MUST BE REPLACED WITH THE D2258-176 PLACARD THAT IS INCLUDED WITH THE DSI 9465-011 KIT.


57205

CANADA
DEPARTMENT OF TRANSPORT
AIRCRAFT CERTIFICATION
BRANCH
DAO # 01-O-01

APPROVED

BY: 
D. SHEPHERD (DE # 02)

DATE: 09.06.15
CERT. NO.: SH06-39
ISSUE NO.: 1


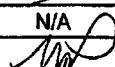
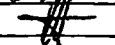
A	NEW ISSUE	AJS	09.06.15
REV.	DESCRIPTION	BY	DATE
DESIGN	AJS	DART AEROSPACE LTD	
DRAWN	AJS	HAWKESBURY, ONTARIO, CANADA	
CHECKED	MB	DRAWING NO.	REV. A
MFG. APPR.	N/A	DSI 9465	SHEET 1 OF 2
APPROVED	MP	TITLE	SCALE
DE APPR.		BASKET RE-POSITIONING KIT	NTS
DATE	09.06.15	COPYRIGHT © 2009 BY DART AEROSPACE LTD <small>THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.</small>	

PARTS LIST:

ITEM	QTY -011	PART NUMBER	DESCRIPTION
	X	DSI 9465-011	BASKET RE-POSITIONING KIT
1	1	D2258-176	PLACARD
2	1	D3789-1	CLAMP
3	1	D3789-3	CLAMP
4	1	D3789-5	CLAMP
5	1	D3789-7	CLAMP
6	4	D2732-032	RUBBER CUSHIONS
11	2	AN4-22A	BOLT
12	2	AN4-24A	BOLT
13	4	MS21042L4	NUT
14	4	AN960JD416	WASHER
21	1	IIN-D119-756 REV. E	INSTALLATION INSTRUCTIONS
22	1	FMS-D119-756 REV. B	FLIGHT MANUAL SUPPLEMENT
23	1	ICA-D119-756 REV. 2	INSTRUCTIONS FOR CONTINUED AIRWORTHINESS

57205

CANADA DEPARTMENT OF TRANSPORT AIRCRAFT CERTIFICATION BRANCH DAO # 01-O-01	
APPROVED	
BY:	
	D. SHEPHERD (DE # 02)
DATE:	09.06.15
CERT. NO.:	SH06-39
ISSUE NO.:	1

DESIGN	AJS	DART AEROSPACE LTD	
DRAWN	AJS	HAWKESBURY, ONTARIO, CANADA	
CHECKED		DRAWING NO.	REV. A
MFG. APPR.	N/A	DSI 9465	SHEET 2 OF 2
APPROVED		TITLE	SCALE
DE APPR.		BASKET RE-POSITIONING KIT	NTS
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L Lacelle

From: Alan Stocker [astocker@dartaero.com]
Sent: August 6, 2009 10:18 AM
To: 'L Lacelle'
Cc: mfauteux@dartaero.com; 'Mike Petsche'
Subject: RE: DSI 9465-011

Sorry I seem to have confused Eric Downing and myself. Baskets in stock must comply with IIN D119-756 REV E. IIN must be replaced with Rev E, ICA must be replaced with REV 2. FMS D119-756 must be updated to Rev. B.

The DSI is for customers who already have baskets at Rev D or earlier.

I will bring down a copy of the parts list from the IIN to show the differences.

Tks

Alan

From: L Lacelle [mailto:llacelle@dartaero.com]
Sent: August 6, 2009 9:42 AM
To: 'Alan Stocker'
Cc: mfauteux@dartaero.com
Subject: DSI 9465-011

Hi Alan,

My understanding from Kim and Bill, was that we only had to change out the labels in the 119 baskets, but now we are starting to doubt ourselves...are all the clamps to be added? Is there something that has to be taken out of the existing baskets?

Thank You,
Linda Lacelle
Production Manager
Dart Aerospace Ltd